

\* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \* \* \*

<u>NEWS</u>	<u>1</u>	Web Page URLs for STN Seminar Schedule - N. America
<u>NEWS</u>	<u>2</u>	"Ask CAS" for self-help around the clock
<u>NEWS</u>	<u>3</u>	FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
<u>NEWS</u>	<u>4</u>	FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC
<u>NEWS</u>	<u>5</u>	FEB 28 BABS - Current-awareness alerts (SDIs) available
<u>NEWS</u>	<u>6</u>	FEB 28 MEDLINE/LMEDLINE reloaded
<u>NEWS</u>	<u>7</u>	MAR 02 GBFULL: New full-text patent database on STN
<u>NEWS</u>	<u>8</u>	MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
<u>NEWS</u>	<u>9</u>	MAR 03 MEDLINE file segment of TOXCENTER reloaded
<u>NEWS</u>	<u>10</u>	MAR 22 KOREPAT now updated monthly; patent information enhanced
<u>NEWS</u>	<u>11</u>	MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
<u>NEWS</u>	<u>12</u>	MAR 22 PATDPASPC - New patent database available
<u>NEWS</u>	<u>13</u>	MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
<u>NEWS</u>	<u>14</u>	APR 04 EPFULL enhanced with additional patent information and new fields
<u>NEWS</u>	<u>15</u>	APR 04 EMBASE - Database reloaded and enhanced
<u>NEWS</u>	<u>16</u>	APR 18 New CAS Information Use Policies available online
<u>NEWS</u>	<u>17</u>	APR 25 Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
<u>NEWS</u>	<u>18</u>	APR 28 Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus
<u>NEWS</u>	<u>19</u>	MAY 23 GBFULL enhanced with patent drawing images
<u>NEWS</u>	<u>20</u>	MAY 23 REGISTRY has been enhanced with source information from CHEMCATS
<u>NEWS</u>	<u>21</u>	MAY 26 STN User Update to be held June 6 and June 7 at the SLA 2005 Annual Conference
<u>NEWS</u>	<u>22</u>	JUN 06 STN Patent Forums to be held in June 2005
<u>NEWS</u>	<u>23</u>	JUN 06 The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
<u>NEWS EXPRESS</u>		JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
<u>NEWS HOURS</u>		STN Operating Hours Plus Help Desk Availability
<u>NEWS INTER</u>		General Internet Information
<u>NEWS LOGIN</u>		Welcome Banner and News Items
<u>NEWS PHONE</u>		Direct Dial and Telecommunication Network Access to STN
<u>NEWS WWW</u>		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:03:07 ON 10 JUN 2005

=> file req

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.43	0.64

FILE 'HCAPLUS' ENTERED AT 13:03:17 ON 10 JUN 2005  
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FILE COVERS 1907 - 10 Jun 2005 VOL 142 ISS 25

FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 123:337553/dn
L1           1 123:337553/DN
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=> d 11, ibib abs, 1
```

L1 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

Full	<input type="checkbox"/>
Text	<input checked="" type="checkbox"/>
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ACCESSION NUMBER: 1995:931548 HCAPLUS  
 DOCUMENT NUMBER: 123:337553  
 TITLE: Enzymic resolution of racemic asymmetric alcohols using vinyl esters of polycarboxylic acids  
 INVENTOR(S): Seufer-Wasserthal, Peter; Mayrhofer, Herbert; Wirth, Irma; Poechlauer, Peter  
 PATENT ASSIGNEE(S): Chemie Linz (Deutschland) GmbH, Germany  
 SOURCE: Ger. Offen., 5 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4414273	A1	19951026	DE 1994-4414273	19940423
PRIORITY APPLN. INFO.:			DE 1994-4414273	19940423

OTHER SOURCE(S): MARPAT 123:337553

AB The enzymic resoln. of racemic asym. alcs. by reaction with vinyl, propenyl, or isopropenyl esters of alkane- or alkene-di- or tricarboxylic acids in the presence of a lipase and the uses of the isomeric alcs. are claimed.

```
=> sel rn
```

E1 THROUGH E8 ASSIGNED

```
=> file reg
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.18	5.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

FILE 'REGISTRY' ENTERED AT 13:03:45 ON 10 JUN 2005

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 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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\*\*\*\*\*  
 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

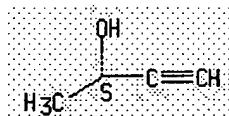
Experimental and calculated property data are now available. For more information enter HELP\_PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> s e1-e8
  1 123-96-6/BI
    (123-96-6/RN)
  1 1674-30-2/BI
    (1674-30-2/RN)
  1 2028-63-9/BI
    (2028-63-9/RN)
  1 2914-69-4/BI
    (2914-69-4/RN)
  1 4074-90-2/BI
    (4074-90-2/RN)
  1 598-75-4/BI
    (598-75-4/RN)
  1 818-72-4/BI
    (818-72-4/RN)
  1 9001-62-1/BI
    (9001-62-1/RN)
L2     8 (123-96-6/BI OR 1674-30-2/BI OR 2028-63-9/BI OR 2914-69-4/BI OR
        4074-90-2/BI OR 598-75-4/BI OR 818-72-4/BI OR 9001-62-1/BI)
```

=> d scan

```
L2  8 ANSWERS  REGISTRY  COPYRIGHT 2005 ACS on STN
IN  3-Butyn-2-ol, (2S)- (9CI)
MF  C4 H6 O
```

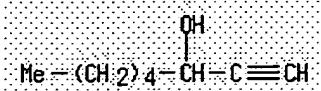
Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)?

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 1-Octyn-3-ol (6CI, 7CI, 8CI, 9CI)  
 MF C8 H14 O



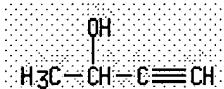
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Lipase, triacylglycerol (9CI)  
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT  
 MF Unspecified  
 CI COM, MAN

**STRUCTURE DIAGRAM IS NOT AVAILABLE**

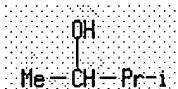
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 3-Butyn-2-ol (8CI, 9CI)  
 MF C4 H6 O  
 CI COM



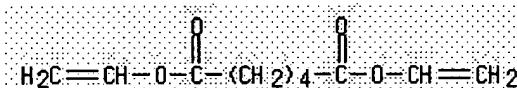
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2-Butanol, 3-methyl- (8CI, 9CI)  
 MF C5 H12 O  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Hexanedioic acid, diethenyl ester (9CI)  
 MF C10 H14 O4  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Benzenemethanol,  $\alpha$ -(chloromethyl)- (9CI)  
 MF C8 H9 Cl O  
 CI COM

Ph

Oc1ccccc1C(Cl)C

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2-Octanol (8CI, 9CI)  
 MF C8 H18 O  
 CI COM

OH

CC(C)C(O)CCCC(C)C

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file hcapius			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	0.43	6.25	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-0.73	

FILE 'HCAPLUS' ENTERED AT 13:04:36 ON 10 JUN 2005  
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FILE COVERS 1907 - 10 Jun 2005 VOL 142 ISS 25  
 FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 123:164736/dn  
L3 1 123:164736/DN

=> d l3, ibib abs, 1

L3 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2005 ACS on STN

Full  Brief  
 Text  References

ACCESSION NUMBER: 1995:671786 HCPLUS  
 DOCUMENT NUMBER: 123:164736  
 TITLE: The structures of UK-1 and UK-2, novel antibiotics from Streptomyces sp. 517-02  
 AUTHOR(S): Hanafi, O Muhammad; Kozo, Shibata; Masaru, Kashiwada; Masashi, Ueki; Makoto, Taniguchi  
 CORPORATE SOURCE: Faculty Science, Osaka City University, Japan  
 SOURCE: Tennen Yuki Kagobutsu Toronkai Koen Yoshishu (1994), 36th, 728-35  
 CODEN: TYKYDS  
 PUBLISHER: Nippon Kagakkai  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Japanese

AB The mycelial cake was extd. with acetone, and filtered. The filtrate was concd. to give aq. soln., which was extd. with chloroform. Org. layer was concd. to yield an oily material, followed by purifn. on silica gel column chromatog. to give crude UK-1 and UK-2. Finally, the recrystn. of each fractions from MeOH, afforded UK-1 and UK-2. UK-1 (I), a novel metabolite, demonstrated potent cytotoxic activity against B16, Hela and P388 cells, and UK-2, novel complex of antibiotics, exhibited strong antifungal activity. Methylation of UK-1 by CH<sub>3</sub>I and anhyd. K<sub>2</sub>CO<sub>3</sub> in dry acetone gave monomethyl ether deriv., Me-UK-1. Alk. hydrolysis of UK-1 afforded carboxylic acid deriv., DeMe-UK-1. Partial structures, A, B, and C were elucidated by COSY, and COLOC expts. Based on these results, the structure of UK-1 was deduced to be a novel benzoxazole dimer deriv. UK-2, novel metabolite contg. complex of antibiotics with strong antifungal activity, was purified by reverse phase HPLC, to give UK-2A, B, C and D. From NMR and mass spectral data, the structures of UK-2A, B, C and D were established as isobutyrate, tiglate, isovalerate, and 2-methylbutyrate of nine membered dilactone skeleton, resp. Based on the result of synthesis of hydrolysis products, the abs. configuration of UK-2 was identified.

=> sel rn  
E9 THROUGH E20 ASSIGNED

=> delete select  
DELETE ALL E# DEFINITIONS? (Y)/N:y  
ALL E# DEFINITIONS DELETED

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E1 THROUGH E12 ASSIGNED

=> s e1-e12  
11 151271-53-3/BI  
5 151360-46-2/BI  
4 151360-47-3/BI  
6 166820-04-8/BI

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1 166820-05-9/BI
3 166820-06-0/BI
1 166820-07-1/BI
1 166820-08-2/BI
20 167173-85-5/BI
6 167173-86-6/BI
11 167173-87-7/BI
9 167173-88-8/BI
L4 33 (151271-53-3/BI OR 151360-46-2/BI OR 151360-47-3/BI OR 166820-04
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     166820-08-2/BI OR 167173-85-5/BI OR 167173-86-6/BI OR 167173-87-
     7/BI OR 167173-88-8/BI)

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 COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION

FULL ESTIMATED COST

5.26 11.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE	TOTAL
	ENTRY	SESSION

CA SUBSCRIBER PRICE

-0.73 -1.46

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\*\*\*\*\*
 \*
 \* The CA roles and document type information have been removed from \*
 \* the IDE default display format and the ED field has been added, \*
 \* effective March 20, 2005. A new display format, IDERL, is now \*
 \* available and contains the CA role and document type information. \*
 \*
 \*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 13:03:07 ON 10 JUN 2005)

FILE 'REGISTRY' ENTERED AT 13:03:13 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:03:17 ON 10 JUN 2005

L1 1 S 123:337553/DN  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:03:45 ON 10 JUN 2005

L2 8 S E1-E8

FILE 'HCAPLUS' ENTERED AT 13:04:36 ON 10 JUN 2005

L3 1 S 123:164736/DN  
SEL RN  
DELETE SELECT  
SEL RN

L4 33 S E1-E12

FILE 'REGISTRY' ENTERED AT 13:05:16 ON 10 JUN 2005

=> s e1-e12

1 151271-53-3/BI  
(151271-53-3/RN)

1 151360-46-2/BI  
(151360-46-2/RN)

1 151360-47-3/BI  
(151360-47-3/RN)

1 166820-04-8/BI  
(166820-04-8/RN)

1 166820-05-9/BI  
(166820-05-9/RN)

1 166820-06-0/BI  
(166820-06-0/RN)

1 166820-07-1/BI  
(166820-07-1/RN)

1 166820-08-2/BI  
(166820-08-2/RN)

1 167173-85-5/BI  
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1 167173-87-7/BI  
(167173-87-7/RN)

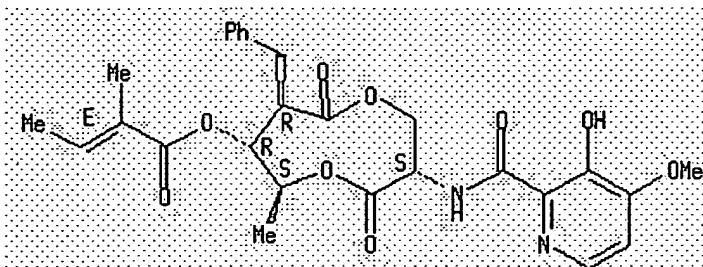
1 167173-88-8/BI  
(167173-88-8/RN)

L5 12 (151271-53-3/BI OR 151360-46-2/BI OR 151360-47-3/BI OR 166820-04-8/BI OR 166820-05-9/BI OR 166820-06-0/BI OR 166820-07-1/BI OR 166820-08-2/BI OR 167173-85-5/BI OR 167173-86-6/BI OR 167173-87-7/BI OR 167173-88-8/BI)

=> d scan

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN 2-Butenoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester, (2E)- (9CI)  
MF C27 H30 N2 O9

Absolute stereochemistry. Rotation (+).  
Double bond geometry as shown.

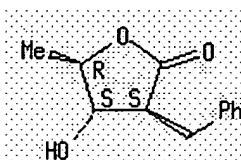


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2(3H)-Furanone, dihydro-4-hydroxy-5-methyl-3-(phenylmethyl)-,  
 [3S-(3 $\alpha$ ,4 $\beta$ ,5 $\alpha$ )]- (9CI)  
 MF C12 H14 O3

Absolute stereochemistry.

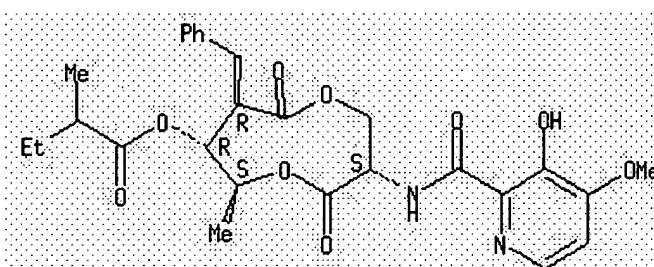


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Butanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)  
 MF C27 H32 N2 O9

Absolute stereochemistry.

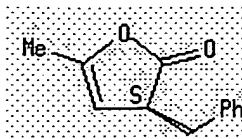
Currently available stereo shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

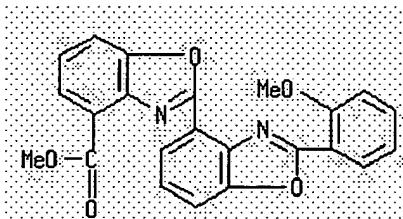
L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2(3H)-Furanone, 5-methyl-3-(phenylmethyl)-, (S)- (9CI)  
 MF C12 H12 O2

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

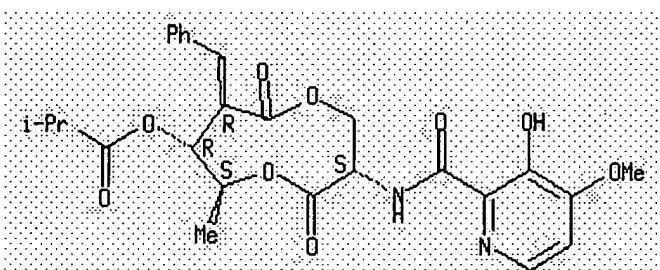
L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN [2,4'-Bibenzoxazole]-4-carboxylic acid, 2'-(2-methoxyphenyl)-, methyl ester (9CI)  
 MF C23 H16 N2 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)  
 MF C26 H30 N2 O9

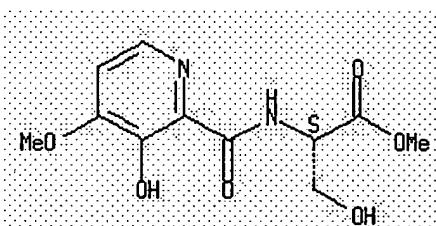
Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN L-Serine, N-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]-, methyl ester (9CI)  
 MF C11 H14 N2 O6

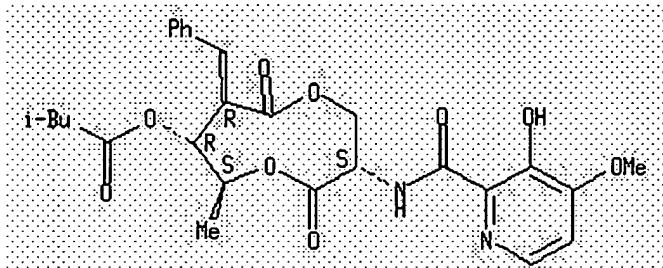
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Butanoic acid, 3-methyl-, (3S,6S,7R,8R)-3-[[ (3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)  
 MF C27 H32 N2 O9

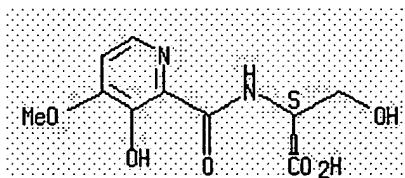
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

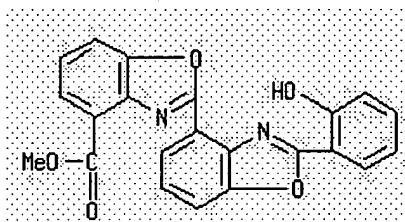
L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN L-Serine, N-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]- (9CI)  
 MF C10 H12 N2 O6

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

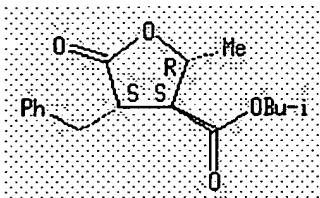
L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN [2,4'-Bibenzoazole]-4-carboxylic acid, 2'-(2-hydroxyphenyl)-, methyl ester (9CI)  
 MF C22 H14 N2 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

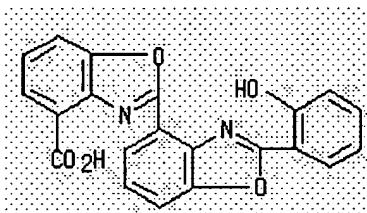
L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 3-Furancarboxylic acid, tetrahydro-2-methyl-5-oxo-4-(phenylmethyl)-, 2-methylpropyl ester, [2R-(2α,3β,4α)]- (9CI)  
 MF C17 H22 O4

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 12 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN [2,4'-Bibenzo[1,3]dioxole]-4-carboxylic acid, 2'-(2-hydroxyphenyl)- (9CI)  
 MF C21 H12 N2 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file reg			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	0.43	11.94	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-1.46	

FILE 'REGISTRY' ENTERED AT 13:05:34 ON 10 JUN 2005  
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STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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\*\*\*\*\*  
 \*  
 \* The CA roles and document type information have been removed from \*

\* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s 128:163891/dn
'DN' IS NOT A VALID FIELD CODE
L6          0 128:163891/DN
```

=> file hcplus		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		0.43	12.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE	TOTAL
CA SUBSCRIBER PRICE		ENTRY	SESSION
		0.00	-1.46

FILE 'HCPLUS' ENTERED AT 13:05:51 ON 10 JUN 2005  
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FILE COVERS 1907 - 10 Jun 2005 VOL 142 ISS 25  
 FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 128:163891/dn
L7          1 128:163891/DN
```

```
=> sel xn
E13 THROUGH E15 ASSIGNED
```

```
=> delete select
DELETE ALL E# DEFINITIONS? (Y)/N:y
ALL E# DEFINITIONS DELETED
```

=> sel rn  
E1 THROUGH E3 ASSIGNED

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.61	14.98
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'REGISTRY' ENTERED AT 13:06:11 ON 10 JUN 2005  
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STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

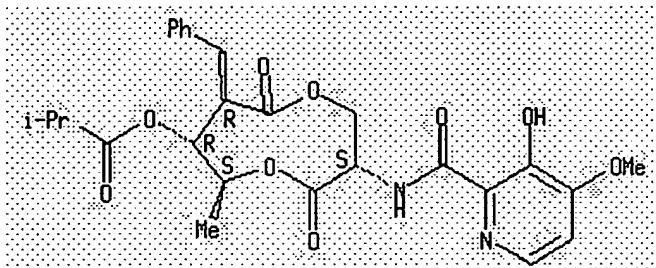
=> s e1-e3  
1 167173-85-5/B1  
(167173-85-5/RN)  
1 194931-82-3/B1  
(194931-82-3/RN)  
1 56-65-5/B1  
(56-65-5/RN)  
L8 3 (167173-85-5/B1 OR 194931-82-3/B1 OR 56-65-5/B1)

=> d scan

L8 3 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxan-

7-yl ester (9CI)  
 MF C<sub>26</sub> H<sub>30</sub> N<sub>2</sub> O<sub>9</sub>

Absolute stereochemistry. Rotation (+).

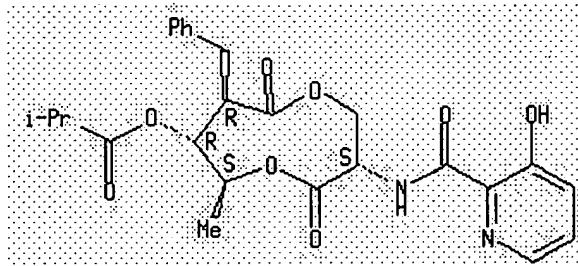


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)2

L8 3 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)  
 MF C<sub>25</sub> H<sub>28</sub> N<sub>2</sub> O<sub>8</sub>

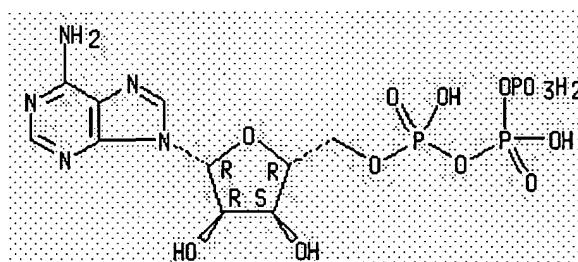
Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 3 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Adenosine 5'-(tetrahydrogen triphosphate) (8CI, 9CI)  
 MF C<sub>10</sub> H<sub>16</sub> N<sub>5</sub> O<sub>13</sub> P<sub>3</sub>  
 CI COM

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file reg			
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	0.43	15.41	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	0.00	-1.46	

FILE 'REGISTRY' ENTERED AT 13:06:25 ON 10 JUN 2005  
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STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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\*\*\*\*\*  
 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s 127:217524/dn  
 'DN' IS NOT A VALID FIELD CODE  
 L9 0 127:217524/DN

=> file hcapius			
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	0.43	15.84	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	0.00	-1.46	

FILE 'HCAPIUS' ENTERED AT 13:06:36 ON 10 JUN 2005

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```
=> s 127:217524/dn
L10      1 127:217524/DN
```

```
=> sel rn
E4 THROUGH E4 ASSIGNED
```

```
=> delete select
DELETE ALL E# DEFINITIONS? (Y)/N:Y
ALL E# DEFINITIONS DELETED
```

```
=> sel rn
E1 THROUGH E1 ASSIGNED
```

=> file reg		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		2.61	18.45
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE	TOTAL
CA SUBSCRIBER PRICE		ENTRY	SESSION
		0.00	-1.46

FILE 'REGISTRY' ENTERED AT 13:06:57 ON 10 JUN 2005  
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 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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```
*****
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information. *
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

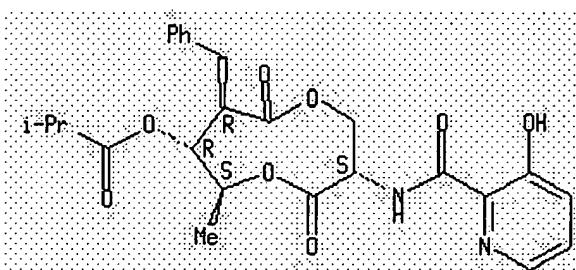
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s e1
L11      1 194931-82-3/BI
          (194931-82-3/RN)
```

```
=> d scan
```

```
L11 1 ANSWERS  REGISTRY COPYRIGHT 2005 ACS on STN
IN  Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-2-
     pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-
     7-yl ester (9CI)
MF  C25 H28 N2 O8
```

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file hcplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.43	18.88
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-1.46

FILE 'HCPLUS' ENTERED AT 13:07:09 ON 10 JUN 2005

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FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 13:03:07 ON 10 JUN 2005)  
  
FILE 'REGISTRY' ENTERED AT 13:03:13 ON 10 JUN 2005  
  
FILE 'HCAPLUS' ENTERED AT 13:03:17 ON 10 JUN 2005  
L1 1 S 123:337553/DN  
SEL RN  
  
FILE 'REGISTRY' ENTERED AT 13:03:45 ON 10 JUN 2005  
L2 8 S E1-E8  
  
FILE 'HCAPLUS' ENTERED AT 13:04:36 ON 10 JUN 2005  
L3 1 S 123:164736/DN  
SEL RN  
DELETE SELECT  
SEL RN  
L4 33 S E1-E12  
  
FILE 'REGISTRY' ENTERED AT 13:05:16 ON 10 JUN 2005  
L5 12 S E1-E12  
  
FILE 'REGISTRY' ENTERED AT 13:05:34 ON 10 JUN 2005  
L6 0 S 128:163891/DN  
  
FILE 'HCAPLUS' ENTERED AT 13:05:51 ON 10 JUN 2005  
L7 1 S 128:163891/DN  
SEL RN  
DELETE SELECT  
SEL RN  
  
FILE 'REGISTRY' ENTERED AT 13:06:11 ON 10 JUN 2005  
L8 3 S E1-E3  
  
FILE 'REGISTRY' ENTERED AT 13:06:25 ON 10 JUN 2005  
L9 0 S 127:217524/DN

FILE 'HCAPLUS' ENTERED AT 13:06:36 ON 10 JUN 2005  
L10 1 S 127:217524/DN  
SEL RN  
DELETE SELECT  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:06:57 ON 10 JUN 2005  
L11 1 S E1

FILE 'HCAPLUS' ENTERED AT 13:07:09 ON 10 JUN 2005

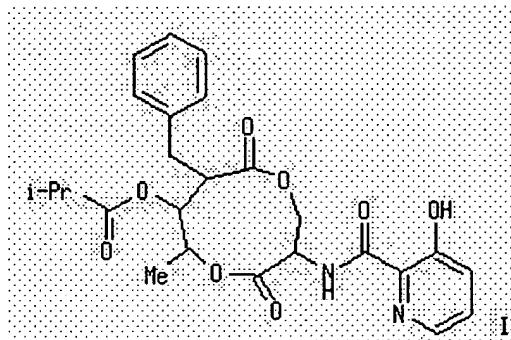
=> d 110, ibib abs, i

L10 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

Full  Abstract  
 Text  References

ACCESSION NUMBER: 1997:504110 HCAPLUS  
DOCUMENT NUMBER: 127:217524  
TITLE: UK-3A, a novel antifungal antibiotic from Streptomyces sp. 517-02: fermentation, isolation, structural elucidation and biological properties  
AUTHOR(S): Ueki, Masashi; Kusumoto, Atsushi; Hanafi, Muhammad; Shibata, Kozo; Tanaka, Toshio; Taniguchi, Makoto  
CORPORATE SOURCE: Faculty of Science, Osaka City University, Osaka, 558, Japan  
SOURCE: Journal of Antibiotics (1997), 50(7), 551-555  
CODEN: JANTAJ; ISSN: 0021-8820  
PUBLISHER: Japan Antibiotics Research Association  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI

RS161.A1 51



AB A novel antifungal antibiotic, UK-3A (I), was obtained from the mycelial cake of Streptomyces sp. 517-02. I was very similar in structure to UK-2A, a structural relative of antimycin A. The antifungal spectrum of I was relatively broad (MICs for yeasts and filamentous fungi: 1.56~6.25 and 0.39~1.56 µg/mL, resp.). The cytotoxic activity of I was weak (IC50: 18~100 µg/mL).

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 126:144017/dn  
L12 1 126:144017/DN

=> sel rn  
E2 THROUGH E11 ASSIGNED

=> delete select  
DELETE ALL E# DEFINITIONS? (Y)/N:y  
ALL E# DEFINITIONS DELETED

=> sel rn  
E1 THROUGH E10 ASSIGNED

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.26	24.14
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-2.19

FILE 'REGISTRY' ENTERED AT 13:07:53 ON 10 JUN 2005  
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DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s e1-e10  
1 166820-04-8/BI  
(166820-04-8/RN)  
1 166820-06-0/BI  
(166820-06-0/RN)  
1 167173-85-5/BI  
(167173-85-5/RN)

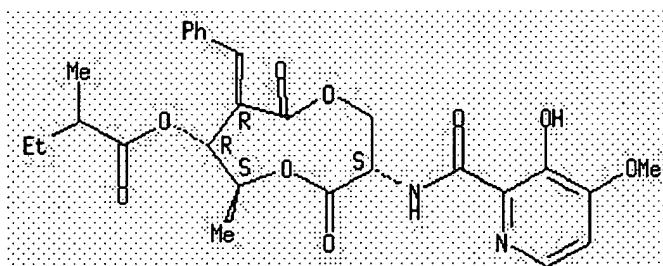
1 167173-86-6/BI  
     (167173-86-6/RN)  
 1 167173-87-7/BI  
     (167173-87-7/RN)  
 1 167173-88-8/BI  
     (167173-88-8/RN)  
 1 186528-19-8/BI  
     (186528-19-8/RN)  
 1 186528-21-2/BI  
     (186528-21-2/RN)  
 1 186528-22-3/BI  
     (186528-22-3/RN)  
 1 186528-23-4/BI  
     (186528-23-4/RN)  
**L13**     10 (166820-04-8/BI OR 166820-06-0/BI OR 167173-85-5/BI OR 167173-86-  
         -BI OR 167173-87-7/BI OR 167173-88-8/BI OR 186528-19-8/BI OR  
         186528-21-2/BI OR 186528-22-3/BI OR 186528-23-4/BI)

=> d scan

**L13** 10 ANSWERS   REGISTRY   COPYRIGHT 2005 ACS on STN  
**IN**   Butanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-  
       pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-  
       7-yl ester (9CI)  
**MF**   C27 H32 N2 O9

Absolute stereochemistry.

Currently available stereo shown.

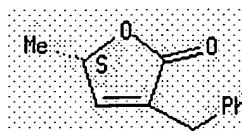


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) 9

**L13** 10 ANSWERS   REGISTRY   COPYRIGHT 2005 ACS on STN  
**IN**   2(5H)-Furanone, 5-methyl-3-(phenylmethyl)-, (5S)- (9CI)  
**MF**   C12 H12 O2

Absolute stereochemistry.

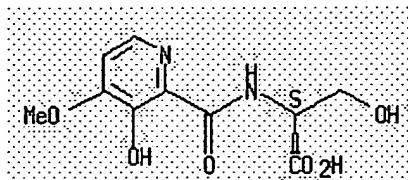


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

**L13** 10 ANSWERS   REGISTRY   COPYRIGHT 2005 ACS on STN

IN L-Serine, N-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]- (9CI)  
 MF C10 H12 N2 O6

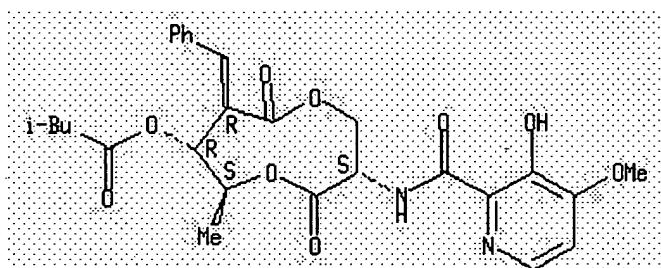
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Butanoic acid, 3-methyl-, (3S,6S,7R,8R)-3-[[[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)  
 MF C27 H32 N2 O9

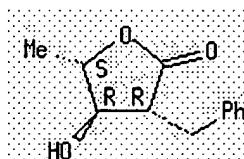
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN L-Arabinonic acid, 2,5-dideoxy-2-(phenylmethyl)-,  $\gamma$ -lactone (9CI)  
 MF C12 H14 O3

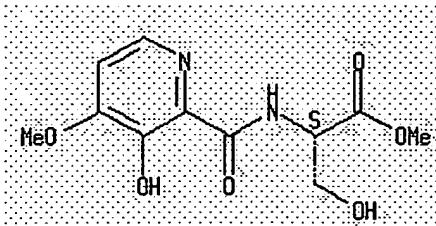
Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN L-Serine, N-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]-, methyl ester (9CI)  
 MF C11 H14 N2 O6

Absolute stereochemistry.

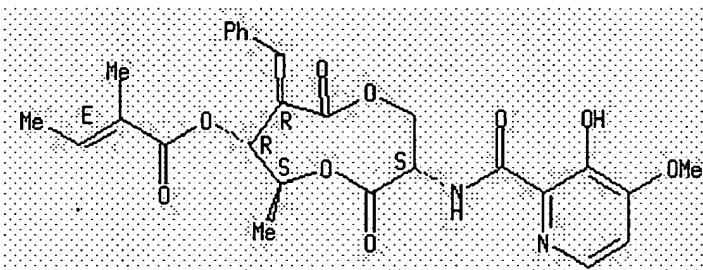


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2-Butenoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester, (2E)- (9CI)  
 MF C27 H30 N2 O9

Absolute stereochemistry. Rotation (+).

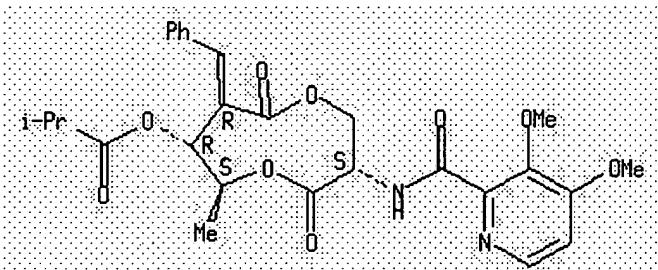
Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN Propanoic acid, 2-methyl-, 3-[(3,4-dimethoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester,  
 [3S-(3R\*,6R\*,7S\*,8S\*)]- (9CI)  
 MF C27 H32 N2 O9

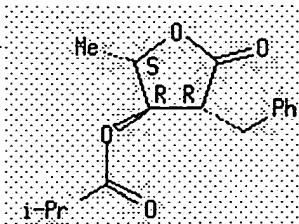
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN L-Arabinonic acid, 2,5-dideoxy-2-(phenylmethyl)-,  $\gamma$ -lactone,  
 3-(2-methylpropanoate) (9CI)  
 MF C16 H20 O4

Absolute stereochemistry. Rotation (-).



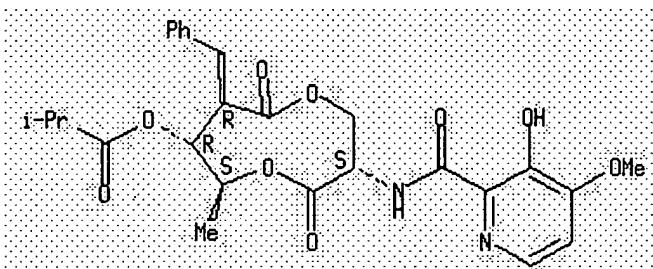
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L13 10 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)

MF C26 H30 N2 O9

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file hcaplus  
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
--	---------------------	------------------

FULL ESTIMATED COST

0.43 24.57

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE ENTRY	TOTAL SESSION
--	---------------------	------------------

CA SUBSCRIBER PRICE

0.00 -2.19

FILE 'HCAPLUS' ENTERED AT 13:08:09 ON 10 JUN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 10 Jun 2005 VOL 142 ISS 25  
 FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 125:109869/dn  
 L14 1 125:109869/DN

=> sel rn  
 E11 THROUGH E14 ASSIGNED

=> delete select  
 DELETE ALL E# DEFINITIONS? (Y)/N:y  
 ALL E# DEFINITIONS DELETED

=> sel rn  
 E1 THROUGH E4 ASSIGNED

=> file reg		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		2.61	27.18
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE	TOTAL
CA SUBSCRIBER PRICE		ENTRY	SESSION
		0.00	-2.19

FILE 'REGISTRY' ENTERED AT 13:08:32 ON 10 JUN 2005  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*
 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more

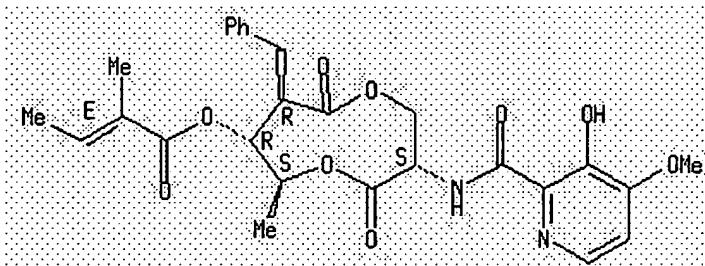
information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s el-e4
      1 167173-85-5/BI
          (167173-85-5/RN)
      1 167173-86-6/BI
          (167173-86-6/RN)
      1 167173-87-7/BI
          (167173-87-7/RN)
      1 167173-88-8/BI
          (167173-88-8/RN)
L15      4 (167173-85-5/BI OR 167173-86-6/BI OR 167173-87-7/BI OR 167173-88
          -8/BI)
```

=> d scan

L15 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN 2-Butenoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester, (2E)- (9CI)  
MF C27 H30 N2 O9

Absolute stereochemistry. Rotation (+).  
Double bond geometry as shown.

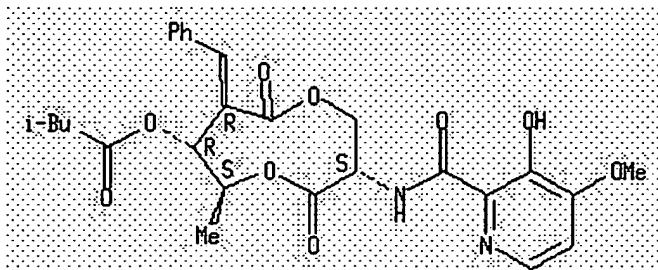


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) 3

L15 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
IN Butanoic acid, 3-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)  
MF C27 H32 N2 O9

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

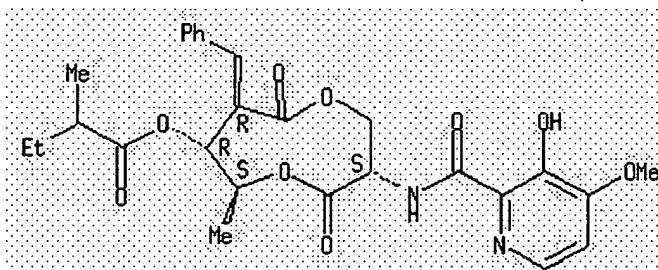
L15 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Butanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[3-hydroxy-4-methoxy-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)

MF C27 H32 N2 O9

Absolute stereochemistry.

Currently available stereo shown.



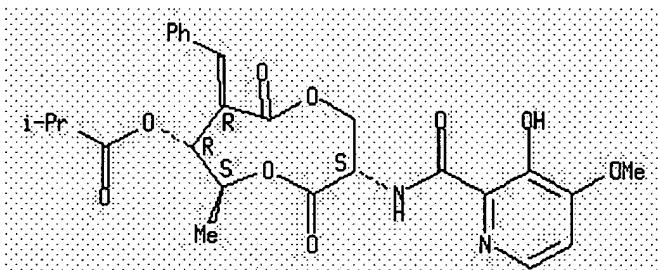
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L15 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[3-hydroxy-4-methoxy-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)

MF C26 H30 N2 O9

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 13:03:07 ON 10 JUN 2005)  
FILE 'REGISTRY' ENTERED AT 13:03:13 ON 10 JUN 2005  
FILE 'HCAPLUS' ENTERED AT 13:03:17 ON 10 JUN 2005  
L1 1 S 123:337553/DN  
SEL RN  
  
FILE 'REGISTRY' ENTERED AT 13:03:45 ON 10 JUN 2005  
L2 8 S E1-E8  
  
FILE 'HCAPLUS' ENTERED AT 13:04:36 ON 10 JUN 2005  
L3 1 S 123:164736/DN  
SEL RN  
DELETE SELECT  
SEL RN  
L4 33 S E1-E12  
  
FILE 'REGISTRY' ENTERED AT 13:05:16 ON 10 JUN 2005  
L5 12 S E1-E12  
  
FILE 'REGISTRY' ENTERED AT 13:05:34 ON 10 JUN 2005  
L6 0 S 128:163891/DN  
  
FILE 'HCAPLUS' ENTERED AT 13:05:51 ON 10 JUN 2005  
L7 1 S 128:163891/DN  
SEL RN  
DELETE SELECT  
SEL RN  
  
FILE 'REGISTRY' ENTERED AT 13:06:11 ON 10 JUN 2005  
L8 3 S E1-E3  
  
FILE 'REGISTRY' ENTERED AT 13:06:25 ON 10 JUN 2005  
L9 0 S 127:217524/DN  
  
FILE 'HCAPLUS' ENTERED AT 13:06:36 ON 10 JUN 2005  
L10 1 S 127:217524/DN  
SEL RN  
DELETE SELECT  
SEL RN  
  
FILE 'REGISTRY' ENTERED AT 13:06:57 ON 10 JUN 2005  
L11 1 S E1  
  
FILE 'HCAPLUS' ENTERED AT 13:07:09 ON 10 JUN 2005  
L12 1 S 126:144017/DN  
SEL RN  
DELETE SELECT  
SEL RN  
  
FILE 'REGISTRY' ENTERED AT 13:07:53 ON 10 JUN 2005  
L13 10 S E1-E10  
  
FILE 'HCAPLUS' ENTERED AT 13:08:09 ON 10 JUN 2005  
L14 1 S 125:109869/DN  
SEL RN  
DELETE SELECT

SEL RN

FILE 'REGISTRY' ENTERED AT 13:08:32 ON 10 JUN 2005  
L15 4 S E1-E4

```
=> file reg
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.43          27.61

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE           0.00          -2.19
```

FILE 'REGISTRY' ENTERED AT 13:08:53 ON 10 JUN 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "[HELP USAGETERMS](#)" FOR DETAILS.  
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STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

**TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005**

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
* The CA roles and document type information have been removed from
* the IDE default display format and the ED field has been added,
* effective March 20, 2005. A new display format, IDERL, is now
* available and contains the CA role and document type information.
*****
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

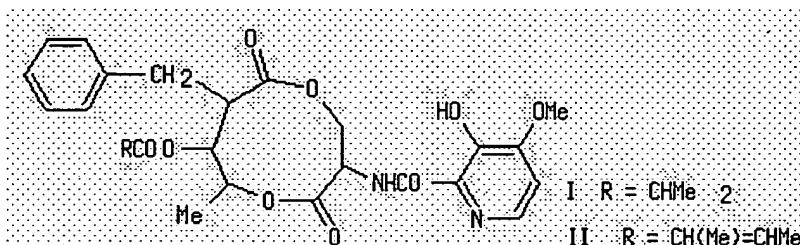
=> d 114, ibib abs, 1  
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L14 ANSWER 1 OF 1 HCPLUS COPYRIGHT 2005 ACS on STN

Full Text References

ACCESSION NUMBER: 1996:463922 HCPLUS  
DOCUMENT NUMBER: 125:109869  
TITLE: UK-2A, B, C and D, novel antifungal antibiotics from  
Streptomyces sp. 517-02. I. Fermentation, isolation,

AUTHOR(S): and biological properties  
 Ueki, Masahi; Abe, Keiichi; Hanafi, Muhammad; Shibata,  
 Kozo; Tanaka, Toshio; Taniguchi, Makoto  
 CORPORATE SOURCE: Fac. Science, Osaka City Univ., Osaka, 558, Japan  
 SOURCE: Journal of Antibiotics (1996), 49(7), 639-643  
 CODEN: JANTAJ; ISSN: 0021-8820  
 PUBLISHER: Japan Antibiotics Research Association  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 GI



AB Novel antifungal antibiotics, UK-2A (I), UK-2B (II) and a mixt. of UK-2C and UK-2D, were obtained from the mycelial cake of *Streptomyces* sp. 517-02. All of the UK-2 compds. were similar in structure to antimycin A. The antifungal activities of of UK-2 compds. were as strong as that of antimycin A. However, the UK-2 compds. demonstrated weak cytotoxicity compared to antimycin A.

=> file reg			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	0.43	33.57	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-2.92	

FILE 'REGISTRY' ENTERED AT 13:09:04 ON 10 JUN 2005  
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STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \*

\* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> file hcapius			
COST IN U.S. DOLLARS.	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	0.43	34.00	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-2.92	

FILE 'HCAPLUS' ENTERED AT 13:09:06 ON 10 JUN 2005  
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FILE COVERS 1907 - 10 Jun 2005 VOL 142 ISS 25  
 FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 123:337552/dn  
 L16 1 123:337552/DN

=> sel rn  
 E5 THROUGH E8 ASSIGNED

=> delete select  
 DELETE ALL E# DEFINITIONS? (Y)/N:y  
 ALL E# DEFINITIONS DELETED

=> sel rn  
 E1 THROUGH E4 ASSIGNED

=> file reg  
 COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	2.61	36.61
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-2.92

FILE 'REGISTRY' ENTERED AT 13:09:36 ON 10 JUN 2005  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7  
 DICTIONARY FILE UPDATES: 9 JUN 2005 HIGHEST RN 852020-24-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
 \*  
 \* The CA roles and document type information have been removed from \*  
 \* the IDE default display format and the ED field has been added, \*  
 \* effective March 20, 2005. A new display format, IDERL, is now \*  
 \* available and contains the CA role and document type information. \*  
 \*  
 \*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

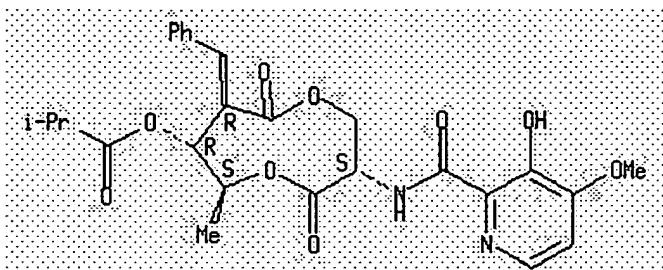
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s el-e4
      1 167173-85-5/BI
          (167173-85-5/RN)
      1 167173-86-6/BI
          (167173-86-6/RN)
      1 167173-87-7/BI
          (167173-87-7/RN)
      1 167173-88-8/BI
          (167173-88-8/RN)
L17      4 (167173-85-5/BI OR 167173-86-6/BI OR 167173-87-7/BI OR 167173-88
          -8/BI)
```

=> d scan

```
L17 4 ANSWERS  REGISTRY  COPYRIGHT 2005 ACS on STN
IN  Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-
     pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-
     7-yl ester (9CI)
MF   C26 H30 N2 O9
```

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) 3

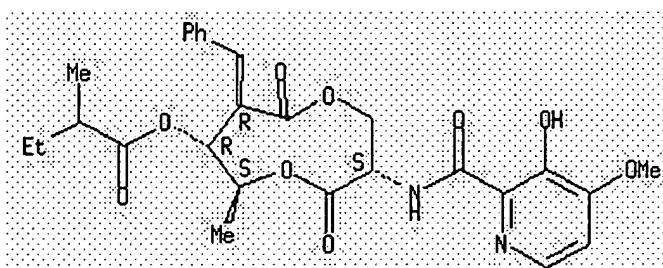
L17 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Butanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)

MF C27 H32 N2 O9

Absolute stereochemistry.

Currently available stereo shown.



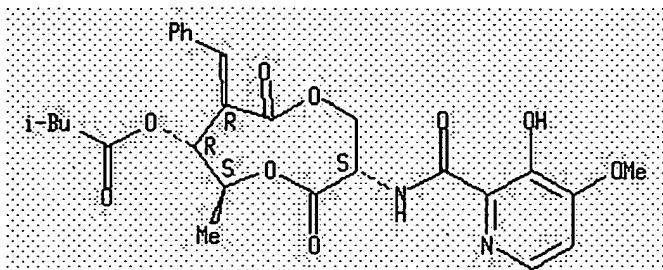
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L17 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Butanoic acid, 3-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI)

MF C27 H32 N2 O9

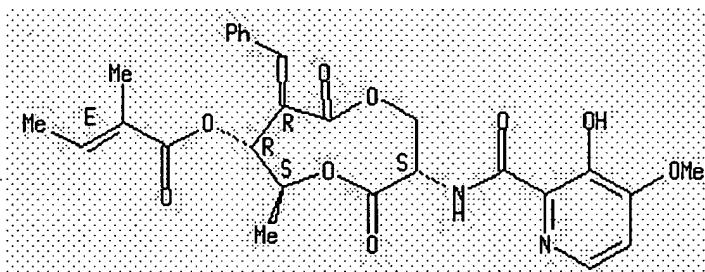
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L17 4 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN  
 IN 2-Butenoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[(3-hydroxy-4-methoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxolan-7-yl ester, (2E)- (9CI)  
 MF C27 H30 N2 O9

Absolute stereochemistry. Rotation (+).  
 Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 13:03:07 ON 10 JUN 2005)

FILE 'REGISTRY' ENTERED AT 13:03:13 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:03:17 ON 10 JUN 2005

L1 1 S 123:337553/DN  
 SEL RN

FILE 'REGISTRY' ENTERED AT 13:03:45 ON 10 JUN 2005  
 L2 8 S E1-E8

FILE 'HCAPLUS' ENTERED AT 13:04:36 ON 10 JUN 2005  
 L3 1 S 123:164736/DN  
 SEL RN  
 DELETE SELECT  
 SEL RN  
 L4 33 S E1-E12

FILE 'REGISTRY' ENTERED AT 13:05:16 ON 10 JUN 2005  
 L5 12 S E1-E12

FILE 'REGISTRY' ENTERED AT 13:05:34 ON 10 JUN 2005  
L6 0 S 128:163891/DN

FILE 'HCAPLUS' ENTERED AT 13:05:51 ON 10 JUN 2005  
L7 1 S 128:163891/DN  
SEL RN  
DELETE SELECT  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:06:11 ON 10 JUN 2005  
L8 3 S E1-E3

FILE 'REGISTRY' ENTERED AT 13:06:25 ON 10 JUN 2005  
L9 0 S 127:217524/DN

FILE 'HCAPLUS' ENTERED AT 13:06:36 ON 10 JUN 2005  
L10 1 S 127:217524/DN  
SEL RN  
DELETE SELECT  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:06:57 ON 10 JUN 2005  
L11 1 S E1

FILE 'HCAPLUS' ENTERED AT 13:07:09 ON 10 JUN 2005  
L12 1 S 126:144017/DN  
SEL RN  
DELETE SELECT  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:07:53 ON 10 JUN 2005  
L13 10 S E1-E10

FILE 'HCAPLUS' ENTERED AT 13:08:09 ON 10 JUN 2005  
L14 1 S 125:109869/DN  
SEL RN  
DELETE SELECT  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:08:32 ON 10 JUN 2005  
L15 4 S E1-E4

FILE 'REGISTRY' ENTERED AT 13:08:53 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:09:00 ON 10 JUN 2005

FILE 'REGISTRY' ENTERED AT 13:09:00 ON 10 JUN 2005

FILE 'REGISTRY' ENTERED AT 13:09:04 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:09:06 ON 10 JUN 2005  
L16 1 S 123:337552/DN  
SEL RN  
DELETE SELECT  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:09:36 ON 10 JUN 2005  
L17 4 S E1-E4

=> file hcaplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.43	37.04
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-2.92

FILE 'HCAPLUS' ENTERED AT 13:09:52 ON 10 JUN 2005  
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FILE COVERS 1907 - 10 Jun 2005 VOL 142 ISS 25  
 FILE LAST UPDATED: 9 Jun 2005 (20050609/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 13:03:07 ON 10 JUN 2005)

FILE 'REGISTRY' ENTERED AT 13:03:13 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:03:17 ON 10 JUN 2005

L1           1 S 123:337553/DN  
              SEL RN

FILE 'REGISTRY' ENTERED AT 13:03:45 ON 10 JUN 2005  
 L2           8 S E1-E8

FILE 'HCAPLUS' ENTERED AT 13:04:36 ON 10 JUN 2005  
 L3           1 S 123:164736/DN

             SEL RN  
              DELETE SELECT  
              'SEL RN'

L4           33 S E1-E12

FILE 'REGISTRY' ENTERED AT 13:05:16 ON 10 JUN 2005  
 L5           12 S E1-E12

FILE 'REGISTRY' ENTERED AT 13:05:34 ON 10 JUN 2005  
 L6           0 S 128:163891/DN

FILE 'HCAPLUS' ENTERED AT 13:05:51 ON 10 JUN 2005

L7           1 S 128:163891/DN  
       SEL RN  
       DELETE SELECT  
       SEL RN

FILE 'REGISTRY' ENTERED AT 13:06:11 ON 10 JUN 2005  
L8           3 S E1-E3

FILE 'REGISTRY' ENTERED AT 13:06:25 ON 10 JUN 2005  
L9           0 S 127:217524/DN

FILE 'HCAPLUS' ENTERED AT 13:06:36 ON 10 JUN 2005  
L10          1 S 127:217524/DN  
       SEL RN  
       DELETE SELECT  
       SEL RN

FILE 'REGISTRY' ENTERED AT 13:06:57 ON 10 JUN 2005  
L11          1 S E1

FILE 'HCAPLUS' ENTERED AT 13:07:09 ON 10 JUN 2005  
L12          1 S 126:144017/DN  
       SEL RN  
       DELETE SELECT  
       SEL RN

FILE 'REGISTRY' ENTERED AT 13:07:53 ON 10 JUN 2005  
L13          10 S E1-E10

FILE 'HCAPLUS' ENTERED AT 13:08:09 ON 10 JUN 2005  
L14          1 S 125:109869/DN  
       SEL RN  
       DELETE SELECT  
       SEL RN

FILE 'REGISTRY' ENTERED AT 13:08:32 ON 10 JUN 2005  
L15          4 S E1-E4

FILE 'REGISTRY' ENTERED AT 13:08:53 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:09:00 ON 10 JUN 2005

FILE 'REGISTRY' ENTERED AT 13:09:00 ON 10 JUN 2005

FILE 'REGISTRY' ENTERED AT 13:09:04 ON 10 JUN 2005

FILE 'HCAPLUS' ENTERED AT 13:09:06 ON 10 JUN 2005  
L16          1 S 123:337552/DN  
       SEL RN  
       DELETE SELECT  
       SEL RN

FILE 'REGISTRY' ENTERED AT 13:09:36 ON 10 JUN 2005  
L17          4 S E1-E4

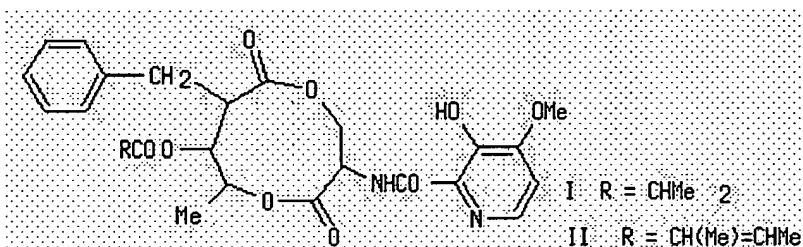
FILE 'HCAPLUS' ENTERED AT 13:09:52 ON 10 JUN 2005

=> d 114, ibib abs, i

L14 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text	Cited References
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ACCESSION NUMBER: 1996:463922 HCPLUS  
 DOCUMENT NUMBER: 125:109869  
 TITLE: UK-2A, B, C and D, novel antifungal antibiotics from Streptomyces sp. 517-02. I. Fermentation, isolation, and biological properties  
 AUTHOR(S): Ueki, Masahiro; Abe, Keiichi; Hanafi, Muhammad; Shibata, Kozo; Tanaka, Toshio; Taniguchi, Makoto  
 CORPORATE SOURCE: Fac. Science, Osaka City Univ., Osaka, 558, Japan  
 SOURCE: Journal of Antibiotics (1996), 49(7), 639-643  
 CODEN: JANTAJ; ISSN: 0021-8820  
 PUBLISHER: Japan Antibiotics Research Association  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 GI



AB Novel antifungal antibiotics, UK-2A (I), UK-2B (II) and a mixt. of UK-2C and UK-2D, were obtained from the mycelial cake of Streptomyces sp. 517-02. All of the UK-2 compds. were similar in structure to antimycin A. The antifungal activities of of UK-2 compds. were as strong as that of antimycin A. However, the UK-2 compds. demonstrated weak cytotoxicity compared to antimycin A.

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